

At paragraph 17, lines 4-5, after "traffic", delete -- is placed over the interlayer --.

At paragraph 18, line 2, after "polymer", insert -- or polymers --.

At paragraph 18, line 4, after "climate", delete -- The climate is selected. --.

At paragraph 25, line 3, after "PG", delete -- grade --.

At paragraph 40, line 4-5, after "25° C.", delete -- Preferably, the mix should be spread over a large area while stirring to avoid clumping while the mix is cooling. The material should be stirred to break it up before it is weighed. --.

At paragraph 40, line 6, after "voids", delete -- in the mineral aggregate (VMA) --.

At paragraph 40, line 6, replace "are" with -- is --.

At paragraph 41, line 3, replace "pills" with -- specimens --.

At paragraph 42, line 4, replace "back calculated to" with -- interpolated at --.

At paragraph 43, line 5-6, delete "A minimum of about 18 is required on".

At paragraph 43, line 6, after "average", replace "of 2", with -- value using 3 --.

At paragraph 43, line 6, after "gyrations", insert -- is calculated --.

At paragraph 43, line 7, after "should", delete -- also --.

At paragraph 47, in Table 5, replace "Microstrain" with -- 2000 Microstrains --.

At paragraph 51, in Table 6, column 1, move each description down one row.

At paragraph 52, lines 7, after "thickness.", insert paragraph [0053] into paragraph [0052].

At paragraph 54, line 4, after "permeability.", insert -- (Figure 3). --.

At paragraph 56, line 1, before "An overlay", insert -- Fig. 2 shows the interlayer mixture's short-term ability to resist rutting. --.

At paragraph 56, line 3, replace "life" with -- resistance --.

At paragraph 57, line 2, delete "several years".

At paragraph 57, line 2, after "delaying total reflective cracking", insert -- several years --.

At paragraph 57, line 3, after "recycled.", insert -- It extends service life the pavement. --.

At paragraph 58, line 4, after "asphalt", insert -- and composite pavements --.

At paragraph 58, line 4, delete "Fig. 2 shows the interlayer mixture's short-term ability to resist rutting."

At paragraph 59, line 1, replace "Fig. 3" with -- Fig. 2 --.

At paragraph 59, line 2, replace " Fig. 3" with -- Fig. 2 --.

At paragraph 59, line 4, after "15° C", insert -- and 10 Hz --.

At paragraph 59, line 8, before "modulus", insert -- initial --.

At paragraph 62.1, line 2, after "interlayer.", insert -- Refer to Table 8 for design details. --.

At paragraph 62.2, line 4, after "Example 2.", insert -- Refer to Table 9 for design details. --.

At paragraph 64.1, line 2, after "interlayer.", insert -- Refer to Table 10 for design details. --.

#### **In the Abstract**

Line 9, after "overlays", insert -- and extend pavement service life --.

#### **In the Claims**

Claim 10, line 2, replace "KPa", with -- kPa --.

Claim 10, line 5, replace "- 28° C" with -- - 18° C. --.

Claim 11, line 2, after "binder", insert -- is at --.

Claim 11, line 2, replace "Kpa" with -- kPa --.

Claim 11, line 3, replace "52° C" with -- 58° C --.

Claim 11, line 5, replace "- 22° C" with -- - 12° C. --.

Claim 12, line 3, replace "52° C" with -- 64° C. --.

Claim 12, line 5, replace "- 16° C" with -- - 6° C --.

Claim 13, line 1, before "viscosity", insert -- rotational --.

Claim 13, line 2, after "3000 cPs", insert -- at 135° C --.